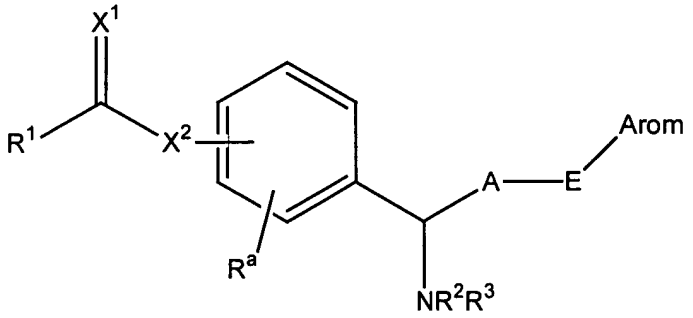
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1 to 45. (canceled)

Claim 46. (currently amended) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom represents an unsubstituted aryl group, an aryl group substituted at from 1 to 5 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from the substituent group α; an unsubstituted heteroaryl group, or a heteroaryl group substituted at from 1 to 3 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group α;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group with a double bond;

E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

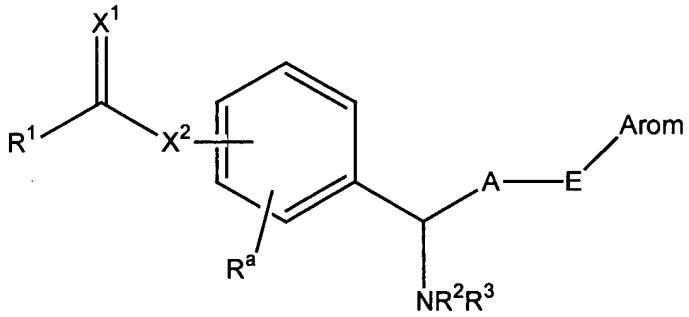
X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6 alkyl group, C_1-C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl

group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

47. (currently amended) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom represents an unsubstituted aryl group, an aryl group substituted at from 1 to 5 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from the substituent group α; an unsubstituted heteroaryl group, or a heteroaryl group substituted at from 1 to 3 positions by

~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group α;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group with a double bond;

E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

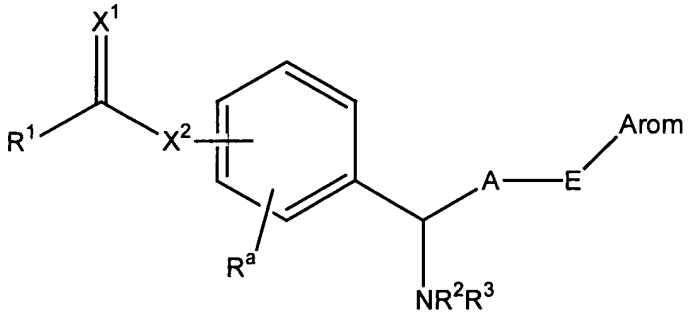
X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

wherein the group of formula $R^1-C(=X^1)-$ is a (C_1-C_4 alkyl) carbamoyl group or a di(C_1-C_4 alkyl) carbamoyl group;

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6 alkyl group, C_1-C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

48. (currently amended) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom represents an unsubstituted aryl group, an aryl group substituted at from 1 to 5 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from the substituent group α; an unsubstituted heteroaryl group, or a heteroaryl group substituted at from 1 to 3 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group α;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene

group without a double bond or a C_2-C_3 alkylene group with a double bond;

E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

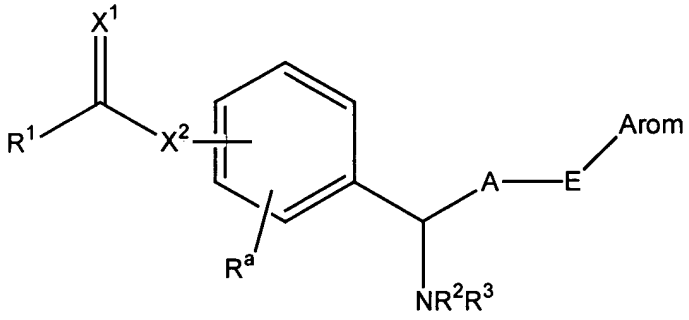
X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

wherein the group of formula $R^1-C(=X^1)-$ is a dimethylcarbamoyl group or an ethylmethylcarbamoyl group;

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6 alkyl group, C_1-C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

49. (currently amended) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom is a phenyl group substituted at one or two positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group αl, or a phenyl group substituted at three positions by halogen atoms;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group with a double bond;

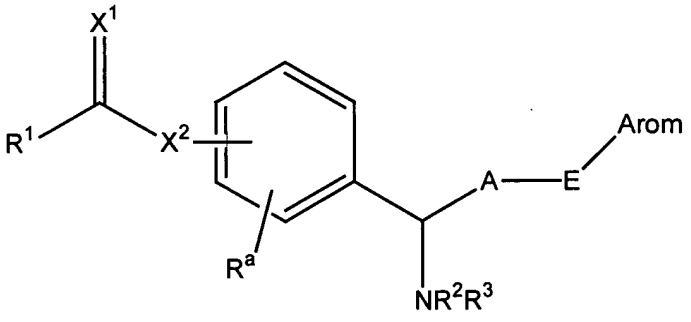
E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

the substituent group αl being selected from the group consisting of a halogen atom, unsubstituted C_1-C_4 alkyl group, C_1-C_4 alkyl group substituted by from 1 to 3 fluorine atoms, C_1-C_4 alkoxy group, C_1-C_4 alkylthio group, methylenedioxy group, ethylenedioxy group, C_1-C_4 alkanoyl group, cyano group and nitro group;

or a pharmacologically acceptable salt or ester thereof.

50. (currently amended) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a

nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom is a phenyl group substituted at one or two positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group α3, or a phenyl group substituted at three positions by fluorine atoms;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group with a double bond;

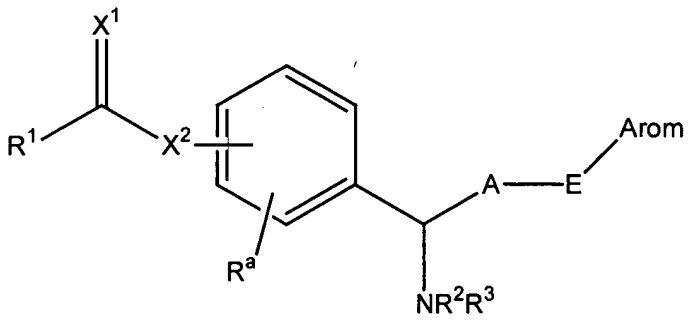
E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

the substituent group α3 being selected from the group consisting of a fluorine atom, chlorine atom, methylthio group, acetyl group, cyano group and nitro group;

or a pharmacologically acceptable salt or ester thereof.

51. (previously presented) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom is a phenyl group substituted at one position by a fluorine atom, a chlorine atomor a nitro group, or a phenyl group substituted at two positions by fluorine atoms;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group with a double bond;

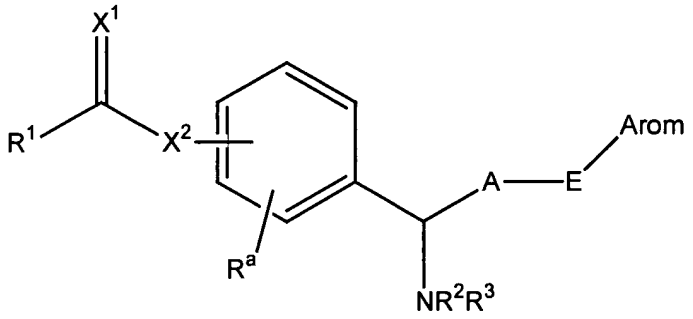
E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen

atom or a C_1-C_7 alkanoyl group;

X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

or a pharmacologically acceptable salt or ester thereof.

52. (previously presented) A compound of formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl) amino group, a di(C_1-C_6 alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom is a 4-fluorophenyl group, a 4-chlorophenyl group, a 4-nitrophenyl group or a 3,4-difluorophenyl group;

A represents a C_1-C_6 alkylene group;

R^a represents a hydrogen atom, a C_1-C_6 alkyl group or a C_2-C_6 alkenyl group or, together with R^2, represents a C_1-C_3 alkylene

group without a double bond or a C_2-C_3 alkylene group with a double bond;

E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

or a pharmacologically acceptable salt or ester thereof.

53. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula: R^1-C ($=X^1$)- is a carbamoyl group, a (C_1-C_4 alkyl) carbamoyl group, a di(C_1-C_4 alkyl)carbamoyl group, a thiocarbamoyl group, a (C_1-C_4 alkyl) thiocarbamoyl group or a di(C_1-C_4 alkyl) thiocarbamoyl group.

54. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula R^1-C($=X^1$)- is a (C_1-C_4 alkyl) carbamoyl group, a di(C_1-C_4 alkyl)carbamoyl group, a (C_1-C_4 alkyl) thiocarbamoyl group or a di(C_1-C_4 alkyl)thiocarbamoyl group.

55. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula R^1-C(=X^1)- is a di(C_1-C_4 alkyl)carbamoyl group.

56. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula R^1-C(=X^1)- is a dimethylcarbamoyl group.

57. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^3 is a C_1-C_6 alkyl group.

58. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^3 is a methyl group or an ethyl group.

59. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^3 is a methyl group.

60. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^2 is a hydrogen atom or a C_1-C_6 alkyl group.

61. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^2 is a hydrogen atom, a methyl group or an ethyl group.

62. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^2 is a hydrogen atom or a methyl group.

63. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^a, together with R^2, is a C_1-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group which contains a double bond.

64. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^a, together with R^2, is a C_2-C_3 alkylene group without a double bond or a C_2-C_3 alkylene group which contains a double bond.

65. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^a, together with R^2, is a C_3 alkylene group which contains a double bond.

66. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^a is a hydrogen atom or a methyl group.

67. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R^a is a hydrogen atom.

68. (currently amended) The compound or pharmacologically acceptable salt or ester thereof according to Claims 46 or 47,

wherein Arom is an unsubstituted phenyl group, a phenyl group substituted at from 1 to 3 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from the substituent group α, an unsubstituted pyridyl group, or a pyridyl group substituted at one position by a substituent from the substituent group α,

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6 alkyl group, **[[C1]]** C_1 -C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group.

69. (currently amended) The compound or pharmacologically acceptable salt or ester thereof according to Claims 46 or 47, wherein Arom is an unsubstituted phenyl group or a phenyl group substituted at from 1 to 3 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from the substituent group α;

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6 alkyl group, C_1-C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group.

70. (previously presented) The compound or pharmacologically acceptable salt thereof according to Claims 46 or 47, wherein Arom is a phenyl group substituted at one or two positions by substituent(s) which are the same or different and are from a substituent group α2, or a phenyl group substituted at three positions by fluorine atoms or chlorine atoms; substituent group α2 being selected from the group consisting of a fluorine atom, chlorine atom, methyl group, trifluoromethyl group, methoxy group, methylthio group, acetyl group, cyano group and nitro group.

71. (currently amended) The compound or pharmacologically acceptable salt thereof according to Claims 46 or 47, wherein Arom is a phenyl group substituted at one or two positions by ~~substituent(s)~~ one or more substituents which are the same or

different and are from a substituent group α4, or a phenyl group substituted at three positions by fluorine atoms;
substituent group α4 being selected from the group consisting of a fluorine atom, chlorine atom, methylthio group and nitro group.

72. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is a C_1-C_4 alkylene group.

73. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is a methylene group or an ethylene group.

74. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is an ethylene group.

75. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein E is an oxygen atom or a

single bond.

76. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein E is an oxygen atom.

77. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein X^2 is an oxygen atom.

78. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein the group of formula R^1-$C(=X^1)$-X^2- is attached at the para-position.

79. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein R^1 is an amino group, a (C_1-C_6 alkyl)amino group or a di(C_1-C_6 alkyl)amino group.

80. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims

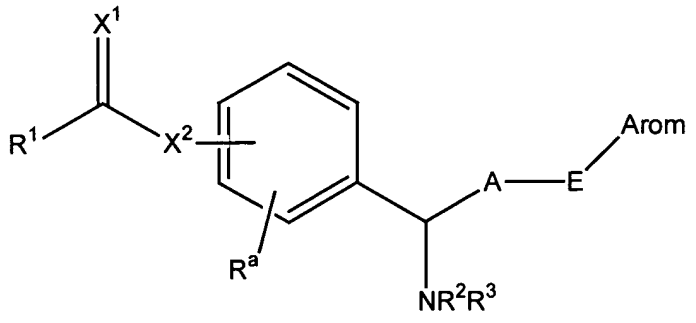
46, 49, 50, 51 or 52, wherein R^1 is an amino group, a (C_1-C_4 alkyl)amino group or a di(C_1-C_4 alkyl)amino group.

81. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein R^1 is a (C_1-C_4 alkyl)amino group or a di(C_1-C_4 alkyl)amino group.

82. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein X^1 is an oxygen atom.

83. (previously presented) The compound or pharmacologically acceptable salt or ester thereof according to Claim 46, wherein the compound is 4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl dimethcarbamate.

84. (currently amended) A compound of the formula (I):



(I)

wherein R^1 represents a C_1-C_6 alkyl group, an amino group, a (C_1-C_6 alkyl)amino group, a di(C_1-C_6 alkyl)amino group or a nitrogen-containing saturated heterocyclic group;

R^2 and R^3 are the same or different and represent a hydrogen atom or a C_1-C_6 alkyl group;

Arom represents an unsubstituted aryl group, an aryl group substituted at from 1 to 3 positions by substituents, which are the same or different and are from a substituent group α; an unsubstituted heteroaryl group, or a heteroaryl group substituted at from 1 to 3 positions by ~~substituent(s)~~ one or more substituents which are the same or different and are from a substituent group α;

A represents a C_1-C_6 alkylene group;

E represents a single bond, an oxygen atom, a sulfur atom or a group of the formula $-NR^4-$, wherein R^4 represents a hydrogen atom or a C_1-C_7 alkanoyl group;

X^1 and X^2 are the same or different and represent an oxygen atom or a sulfur atom;

the substituent group α being selected from the group consisting of a halogen atom, C_1-C_6 alkyl group, halogeno C_1-C_6

alkyl group, C_1-C_6 alkoxy group, C_1-C_6 alkylthio group, C_1-C_3 alkylenedioxy group, C_1-C_7 alkanoyl group, C_2-C_7 alkyloxycarbonyl group, amino group, C_1-C_7 alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

85. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46, in combination with a pharmaceutically acceptable carrier.

86. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47, in combination with a pharmaceutically acceptable carrier.

87. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48, in combination with a pharmaceutically acceptable carrier.

88. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 49, in combination with a pharmaceutically acceptable carrier.

89. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 50, in combination with a pharmaceutically acceptable carrier.

90. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 51, in combination with a pharmaceutically acceptable carrier.

91. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 52, in combination with a pharmaceutically acceptable

carrier.

92. (currently amended) A pharmaceutical composition ~~containing~~ comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 83, in combination with a pharmaceutically acceptable carrier.

93. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46.

94. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47.

95. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering

to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48.

96. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 49.

97. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 50.

98. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 51.

99. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 52.

100. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 83.

101. (withdrawn) A method for inhibiting acetylcholinesterase and selective serotonin reuptake in a mammal comprising administering to a mammal a pharmaceutically effective amount of a compound or a pharmaceutically acceptable salt or ester thereof according to Claim 46.

102. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a mammal comprising administering to a

mammal a pharmaceutically effective amount of a compound or a pharmacologically acceptable salt or ester thereof according to Claim 46.

103. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46.

104. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47.

105. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease,

tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48.

106. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 49.

107. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 50.

108. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic

~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 51.

109. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 52.

110. (withdrawn-currently amended) A method for treating ~~or preventing~~ depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive ~~disorders~~ disorder or a panic ~~disorders~~ disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 83.

111. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46.

112. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising

administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47.

113. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48.

114. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 49.

115. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 50.

116. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 51.

117. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising

administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 52.

118. (withdrawn-currently amended) A method for treating ~~or preventing~~ Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 83.

119. (new) The compound or pharmacologically acceptable salt or ester thereof according to Claim 46, wherein R^1 is a dimethylamino group, X^1 and X^2 are both oxygen, Ra is H, R^2 is hydrogen, R^3 is methyl, A is $-C_2H_4$, E is oxygen and Arom is a phenyl group substituted in the 4-position by a NO_2 group.